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 Pradeep Sen, Billy Chen, Gaurav Garg, Stephen R. Marschner, Mark Horowitz, Marc Levoy, Hendrik A. Lensch  
 July 2005 ACM Transactions on Graphics (TOG), Volume 24 Issue 3  
 Publisher: ACM

Full text available:  pdf(808.98 KB)  mov(24:16 MIN) Additional Information: full citation, abstract, references, cited index terms

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We present a novel photographic technique called dual photography, which exploits Helmholtz reciprocity to interchange the lights and cameras in a scene. With a video projector providing structured illumination, reciprocity permits us to generate pictures ...

Keywords: dual photography, image synthesis, image-based relighting

**22 Modern approaches to augmented reality**

 Oliver Blimber, Ramesh Raskar  
 July 2006 SI GGGRAPH '06: ACM SIGGRAPH 2006 Courses  
 Publisher: ACM

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This tutorial discusses the Spatial Augmented Reality (SAR) concept, its advantages and limitations. It will present examples of state-of-the-art display configurations, appropriate real-time rendering techniques, details about hardware and software ...

**23 High dynamic range imaging**

 Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik  
 August 2004 SI GGGRAPH '04: ACM SIGGRAPH 2004 Course Notes  
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